

# इंटरनेट

# मानक

## Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

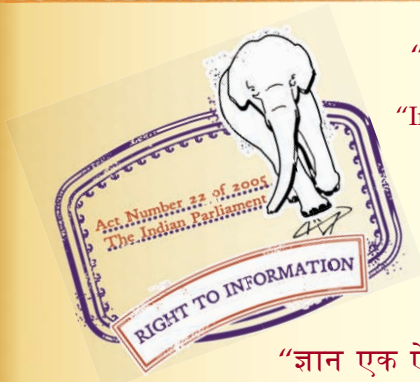
“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 4007-2-8 (1983): Terminals for Electronic Equipment, Part 2: Detail Terminals, Section 8: Terminal, Insulated, with Insulated Captive Spring Cap, Type TSL 3 [LITD 3: Electromechanical COmponents and Mechanical Structures for Electronic Equipment]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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Indian Standard  
SPECIFICATION FOR  
TERMINALS FOR ELECTRONIC EQUIPMENT  
PART 2 DETAIL SPECIFICATION FOR TERMINALS  
Section 8 Terminal, Insulated, With  
Insulated Captive Spring Cap, Type TSL 3

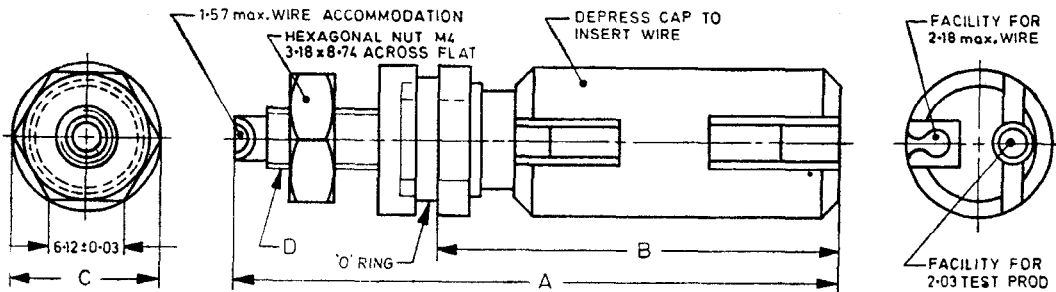
1. Scope — This standard ( Part 2/Sec 8 ) covers detail requirements of terminal, insulated, with insulated captive spring cap, type TSL 3 and shall be read in conjunction with IS : 4007 ( Part 1 ) - 1982 'Specification for terminals for electronic equipment : Part 1 General requirements and tests ( first revision )'.

2. Climatic Test Severities

Temperature severity	55/85°C	10/70°C
Damp heat ( steady state )	56 days	21 days
Damp heat ( cyclic )	6 cycles	2 cycles
Low air pressure	4·4 kPa	30 kPa
Vibration	10 to 55 Hz, Duration — 6 hours	
	Amplitude displacement — 0·75 mm	
Impact	500 m/s <sup>2</sup> , 5 minutes	

3. Outline Drawing and Dimensions — See Table 1.

TABLE 1 DIMENSIONS OF TERMINAL TYPE TSL 3



Insulation Colour	Dimensions				Working Voltage, AC ( rms )	Maximum Current	Mounting Plate Thickness	Sealed/Non-Sealed
	A, Max	B, Max	C, Max	D*				
Olive drab	40·94	27·23	10·16	M 4	230 V	10 A	1·57 to 3·18	Sealed

Note 1 — Dimensions are in millimetres.

Note 2 — Unless specified otherwise, tolerances shall be ± 0·40 mm.

Note 3 — Drawing depicts only general design characteristics and is not intended to limit specific manufacturing processes.

Note 4 — All insulated portions of the terminals shall be of the same colour as the cap.

\*Screw threads shall be according to IS : 4218 ( Part 2 ) - 1976 'ISO metric, screw threads : Part 2 Diameter pitch combinations ( first revision )'.

EXPLANATORY NOTE

This standard is based on JSS 52710 - Jan 1974 'Specification for terminals, captive screw cap and captive spring loaded', issued by the Ministry of Defence, Government of India. In addition to the climatic severities specified in JSS 52710 - Jan 1974, climatic severities for commercial usage have been included in this standard.

Adopted 15 December 1983

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